| In | dex o | f Claims | |
|----|-------|----------|--|
| | | | |

| Application No. | Applicant(s) | |
|--------------------|---------------|--|
| 09/825,506 | BARKER ET AL. | |
| Examiner | Art Unit | |
| Joseph E. Avellino | 2143 | |

| √ | Rejected | |
|----------|----------|--|
| | Allowed | |

| 1 | (Through numeral) Cancelled |
|---|--------------------------------|
| + | Restricted |

| N | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | _ | | | | | , | | | L |
|-------|----------------------------|---------------------------------------|----------|----------------|--------|----------|----------|----------|--------------|-----------------|
| Cla | im | Date | | | | | | | | |
| Final | Original | 7/19/04 | 4/8/05 | 11/8/05 | 90/9/9 | 1/8/07 | | | | |
| | 1 | 1 | 1 | 1 | 1 | 1 | | \vdash | | H |
| | 2 3 | 1 | 1 | 1 | 1 | 1 | | | Г | П |
| | 3 | 7 7 7 | 1 | 7 | 7 | 7 | | | | |
| | 5 | 1 | 7 | 7 | 7 | 7 | | | | Ш |
| | 5 | 1 | ٧ | 7 | 1 | 7 | | | | |
| | 6 | V | ٧ | 1 | 1 | 1 | | <u> </u> | | |
| | 7 | 1 1 1 1 1 | 7777 | 1 | 1 | 777 | | _ | _ | Щ |
| | 8 | \ \ \ | ٧ | ٧ | 1 | | _ | <u> </u> | <u> </u> | Ш |
| | 9 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 7 | 1 | 1 | 7 | _ | <u> </u> | <u> </u> | Н |
| | 10 11 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 7 | 7 | - V | 7 | _ | ⊢ | ⊢ | Н |
| | 12 | | | 7 | | | | - | _ | H |
| | 12 | 1 | 7 | 7 | 1 | 7 | | \vdash | \vdash | Н |
| | 12 13 14 15 16 | | | 7 | | | \vdash | \vdash | \vdash | $\vdash \vdash$ |
| | 15 | 7 7 7 | 777 | Ì | 7 | 777 | \vdash | ┢ | ┢ | Н |
| | 16 | Ì | Ì | 7 | Ì | 1 | \vdash | \vdash | ┢ | H |
| | 17 | | 7 | Ì | Ť | | ┢ | \vdash | \vdash | Н |
| | 18 | 1 | 1 V I | 1 | 1 | 7 | | | | П |
| | 18 19 | 1 | 1 | 1 | 1 | 1 | | | | |
| | 20 | V | 7 | \overline{V} | 1 | 1 | | | | |
| | 21 | 1 | 7 | 1 | 1 | 1 | | | | |
| | 22 | 1 | 7 | 1 | 7 | 7 | | | | |
| | 23 24 | 1 | 77 | 7 | 7 | 7 | | | | |
| | 24 | | | | | | | | | |
| | 25 | 7 | 777 | 777 | 777 | 7 7 7 | | | L | |
| | 26 27 | V | 7 | 1 | 1 | 1 | | | | |
| | 27 | Į Ý | 1 | 1 | 1 | | | _ | _ | Ш |
| | 28 | V | 1 | 7 | 7 | 7 | <u> </u> | | _ | Щ |
| | 29 | 1 | 1 | 1 | 7 | ٧ | _ | _ | - | \vdash |
| | 30 | 1 | 7 | 1 | | V | | | <u> </u> | \vdash |
| | 31 32 | 1 | 7 | 1 | 1 | 77 | <u> </u> | _ | | H |
| | 33 | 1 | 7 | 1 | 1 | 1 | <u> </u> | _ | ├ | Н |
| | 34 | | 7 | 1 | 7 | 7 | ├─ | - | ┝ | \vdash |
| | 35 | 1 | 7 | 1 | 1 | 1 | H | | H | H |
| | 36 | Ī | 7 | 1 | 1 | 7 | - | | ┢ | \vdash |
| | 37 | 1 | 1 | 1 | Ī | V | | | _ | |
| | 38 | 1 | . 1 | 1 | 1 | 7 | | | _ | |
| | 39 | 1 | | 1 | 1 | 1 | | | | |
| | 40 | 1 | 1 | ٧ | 1 | 1 | | | | |
| | 41 | 1 | 1 | 7 | 7 | 7 | | | | |
| | 42 | 1 | 1 | 1 | 1 | 7 | | | | |
| | 43 | 1 | 1 | 1 | 1 | 1 | | | | |
| | 44 | 1 | 1 | 7 | 1 | 1 | L_ | | _ | Ш |
| | 45 | ٧ | | 1 | 7 | 1 | _ | _ | <u> </u> | |
| | 46 | 1 | 1 | 1 | 1 | 7 | <u> </u> | _ | _ | \square |
| | 47 | 1 | - | 7 | 1 | 1 | <u> </u> | <u> </u> | L | \sqcup |
| | 48 | 1 | 1 | 1 | 1 | 1 | \vdash | <u> </u> | <u> </u> | \vdash |
| | 49 | 1 | 1 | 1 | 1 | 7 | \vdash | <u> </u> | - | $\vdash \vdash$ |
| | 50 | √ | V | V | 7 | √ | 1 | ĺ | | ıl |

| Cla | aim | n Date | | | | | | | | |
|----------|--|---------------------------------------|----------|----------|--------------|--|--------------|----------------|----------|----------|
| Final | Original | 7/19/04 | 4/8/05 | 11/8/05 | 90/9/9 | 1/8/07 | | | | |
| - | 51 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | J | J | J | J | \vdash | \vdash | \vdash | \vdash |
| | 51 52 53 | J | 1 | 1 | 1 | 1 | - | ┝ | ⊢ | - |
| - | 53 | J | Ì | | j | 1 | ┝ | \vdash | \vdash | ┢ |
| — | 54 | j | Ì | 1 | Ì | Ì | ┢ | \vdash | ┈ | - |
| \vdash | 55 | Ì | 1 | 1 | 7 7 7 7 | Ì | \vdash | ┢ | \vdash | H |
| | 56 | Ì | Ī | Ì | Ť | 7 7 7 7 7 7 | ┢ | \vdash | ┢ | - |
| - | 57 | 1 | 1 | 1 | 1 | 1 | ┢═ | ┢ | Н | - |
| | 54 55 56 57 58 59 60 | 1 | V | 1 | 1 | 1 | Г | Г | <u> </u> | |
| | 59 | | | | Т | | Г | Т | \vdash | Г |
| | 60 | | | | | Г | | | | Г |
| | 61 | | | | | | Г | | | |
| | 62 | | | | | | | | | |
| | 63 | | | | | | | | | |
| | 62 63 64 65 66 | | | | | | | | | |
| | 65 | | | | | | | | | |
| | 66 | | | | | | <u> </u> | <u> </u> | | _ |
| | 67 | | | | | | | | | |
| | 68 | | | | | | | | | |
| | 69 | | | | | L | | _ | | |
| | 70 | | | L | | <u> </u> | | | L | L |
| <u> </u> | 71 | | | | <u> </u> | L | | L_ | L. | L |
| | 72 | | | | _ | <u> </u> | _ | _ | <u> </u> | L |
| ļ | 68 69 70 71 72 73 74 75 76 77 | | L_ | | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | L |
| <u> </u> | 74 | | ļ | <u> </u> | | <u> </u> | _ | L. | L_ | L |
| | 75 | | | _ | _ | <u> </u> | _ | _ | ļ | <u> </u> |
| <u> </u> | 76 | | <u> </u> | _ | ļ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ |
| <u> </u> | 77 | | <u> </u> | <u> </u> | <u> </u> | L | _ | L | <u> </u> | <u> </u> |
| - | 78 79 | _ | | Ь | <u> </u> | ├ | <u> </u> | ├— | ┡ | <u> </u> |
| | 79 | ļ | <u> </u> | | <u> </u> | <u> </u> | _ | ├ | ┞ | _ |
| | 80 | _ | ├ | <u> </u> | ├ | ┝ | ┝ | <u> </u> | ⊢ | <u> </u> |
| | 80 81 82 83 | | ┝ | ├— | - | <u> </u> | \vdash | - | \vdash | H |
| | 02 | | ├ | \vdash | - | ├ | <u> </u> | - | ⊢ | - |
| <u> </u> | 84 | - | - | \vdash | \vdash | | ├ | - | ├ | - |
| - | 85 | - | ├ | ⊢ | ├- | | ├ | | \vdash | ├- |
| - | 86 | \vdash | - | - | | ├ | | <u> </u> | ├- | ├ |
| — | 87 | \vdash | \vdash | | - | - | \vdash | - | - | \vdash |
| \vdash | 88 | | \vdash | | | | | <u> </u> | \vdash | H |
| \vdash | 89 | | \vdash | \vdash | \vdash | \vdash | \vdash | | \vdash | H |
| | 90 | _ | \vdash | Г | | \vdash | | | | H |
| | 91 | | \vdash | | _ | \vdash | Г | Г | | H |
| | 92 | Г | \vdash | | \vdash | \vdash | \vdash | \vdash | \Box | Г |
| | 93 | Г | | | <u> </u> | \Box | <u> </u> | | | Г |
| | 94 | Γ | | | | | | | | Г |
| | 95 | | | | | | | | | |
| | 96 | | | | | | | | | |
| | 97 | | | | | | | | | |
| | 98 | | | | | | | | | |
| | 99 | | L | | Ĺ | | | | L | |
| | | | | | | | | | | |

| | | ــــا | L | | | | | | | |
|--|--|----------|--------------|--------------|----------|--------------|--------------|--------------|----------|-----------------|
| | aim | Date | | | | | | | | \neg |
| | \vdash | | г | | Jau | - | | _ | Н | |
| Final | Original | | | | | | | | | |
| | 101 | | | | | | | | | П |
| | 101 102 | | | | | | | | | |
| | 103 104 105 | | | | | | | | | |
| | 104 | | | L. | _ | | | <u> </u> | L_ | |
| | 105 | | _ | | | | ļ | <u> </u> | <u> </u> | Ш |
| | 106 | | ļ., | | L. | <u> </u> | ļ | | _ | Н |
| <u> </u> | 106 107 108 109 | | _ | | | - | <u> </u> | | ├ | \vdash |
| | 100 | - | | - | - | - | ⊨ | \vdash | ├ | $\vdash\dashv$ |
| <u> </u> | 110 | - | | | | | | H | - | $\vdash\dashv$ |
| | 111 | | | | | | | | ┢╾ | \vdash |
| | 112 | | | | | | | H | 一 | Н |
| | 113 | | \vdash | | | | \vdash | \vdash | \vdash | Н |
| | 111 112 113 114 115 | | | | | | | | | П |
| | 115 | | | | | | | | | |
| | 116 | | | | | | | | | |
| | 117 118 | | | | | | | | | Ш |
| | 118 | | L | | | | _ | | _ | Ш |
| | 119 120 121 | | <u> </u> | | _ | | <u> </u> | | _ | Щ |
| | 120 | | _ | | _ | L | <u> </u> | ļ | <u> </u> | Щ |
| <u> </u> | 121 | | | <u> </u> | \vdash | <u> </u> | ┡ | - | ⊢ | Н |
| - | 122 | | | \vdash | H | <u> </u> | - | \vdash | \vdash | Н |
| | 124 | | \vdash | ⊢ | \vdash | ├ | - | | ├─ | Н |
| | 125 | | | \vdash | | - | - | | ┢ | H |
| | 126 | | | - | | | \vdash | - | - | H |
| | 127 | | | | | | | | | П |
| | 122 123 124 125 126 127 128 129 | | | | | | | | | П |
| | 129 | | | | | | | | | |
| | 130 131 132 | | | | | | | | | |
| | 131 | | | | | | <u> </u> | | | Ш |
| | 132 | | _ | | | | <u> </u> | | _ | |
| | 133 134 | | _ | ļ | <u> </u> | _ | <u> </u> | ш | | Щ |
| | 134 | | | | | <u> </u> | _ | <u> </u> | <u> </u> | \vdash |
| | 135 | Ь. | - | | \vdash | - | | - | ├- | Н |
| | 136 137 | | - | | - | ├ | | ⊢ | - | Н |
| | 138 | | - | _ | | ┢ | | H | | H |
| | 139 | - | | | | \vdash | _ | _ | - | H |
| | 140 | | | | | | | - | - | |
| | 141 | | | | | | | | | П |
| | 142 | | | | | | | | | |
| | 143 | | | | | 匚 | | | | |
| <u> </u> | 144 | | L | <u> </u> | Ш | <u>L</u> | <u> </u> | <u> </u> | L | Ш |
| L | 145 | Ш | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Ш |
| | 146 | \vdash | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | | <u> </u> | $\vdash \vdash$ |
| | 147 148 | | <u> </u> | | | <u> </u> | - | - | - | Н |
| | 148 | <u> </u> | \vdash | | \vdash | ⊢ | \vdash | ├ | ├ | Н |
| | 150 | \vdash | \vdash | | \vdash | \vdash | \vdash | \vdash | - | Н |
| | 130 | L | L., | | L | Ц | <u> </u> | | L | لـــا |